

FIG. 1

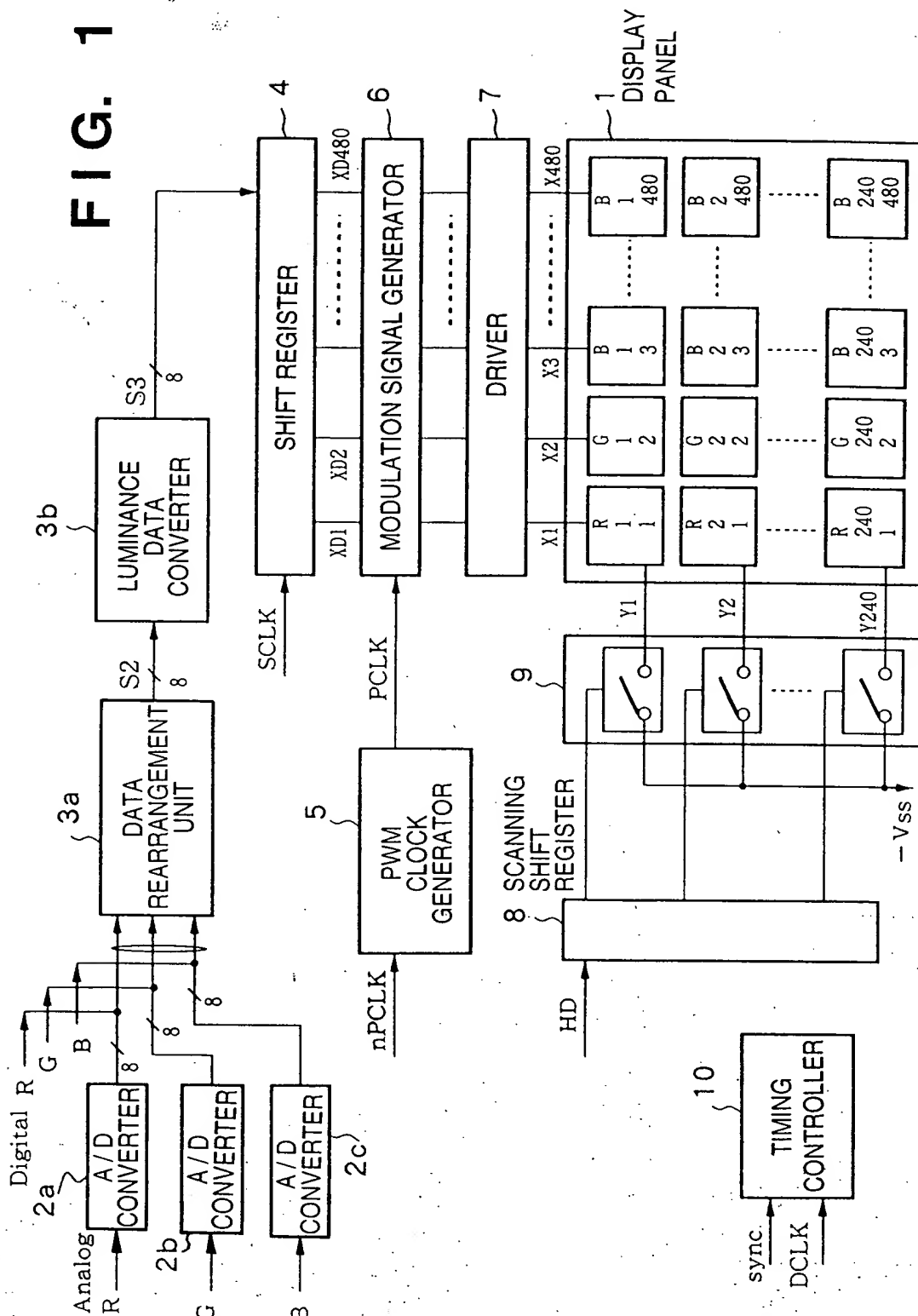
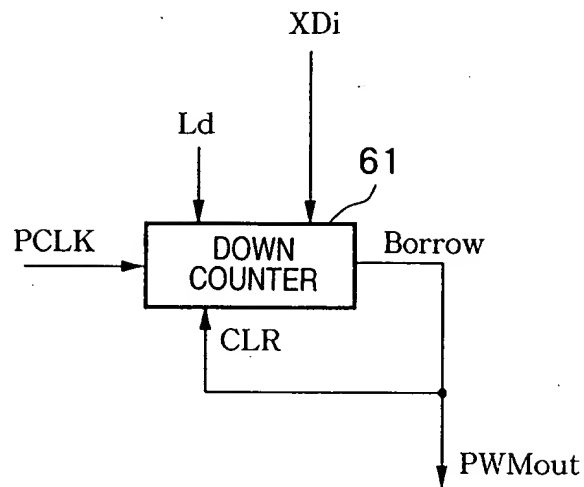


FIG. 2



09248980-01299

Fig. 3

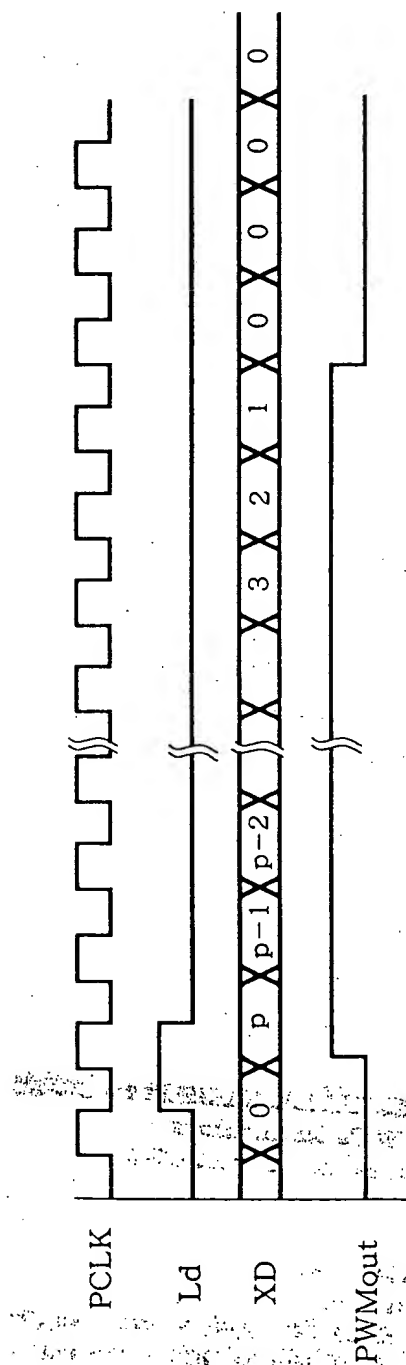
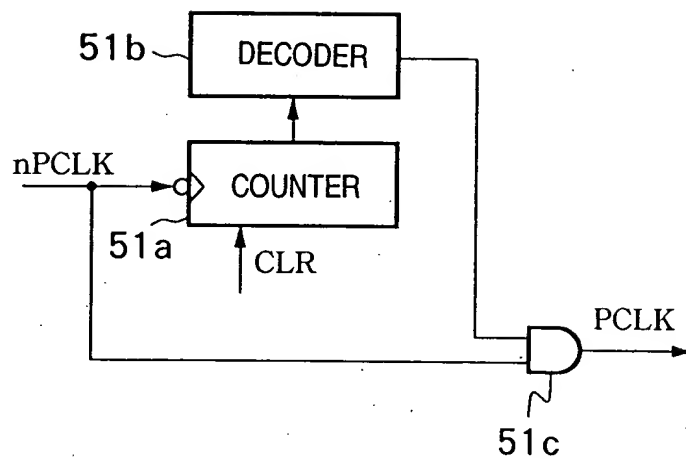


FIG. 4



662120-08684260

FIG. 5

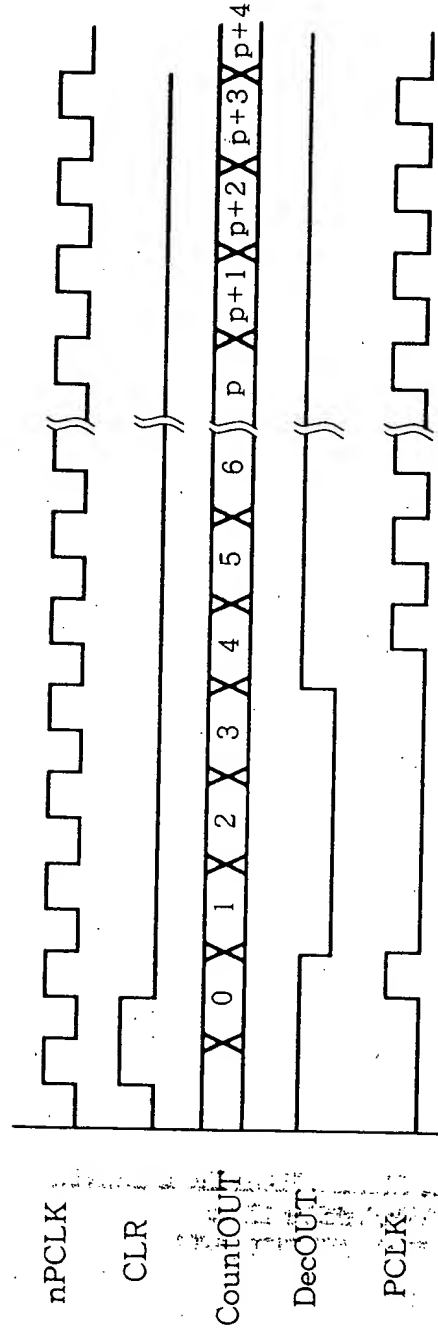
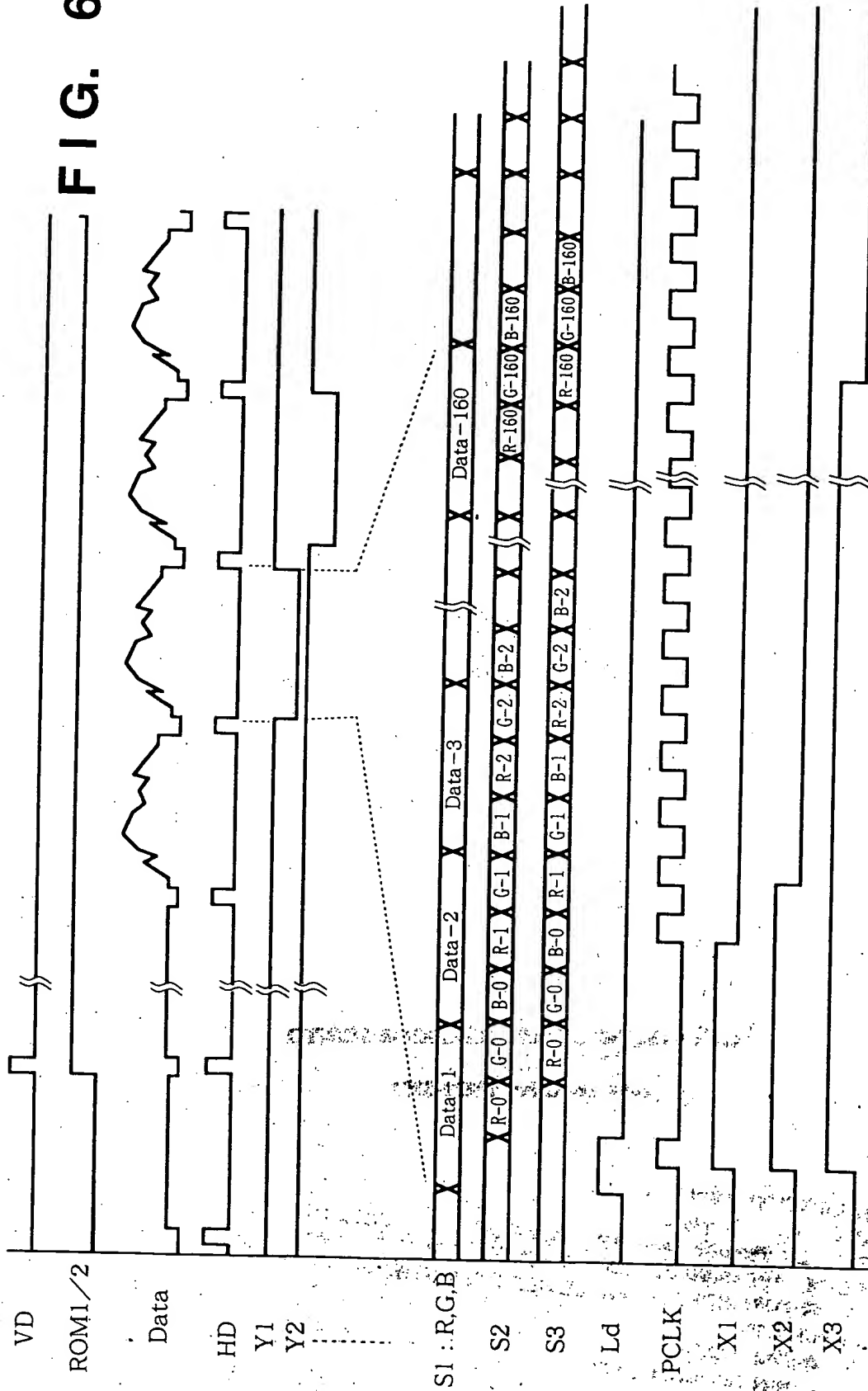
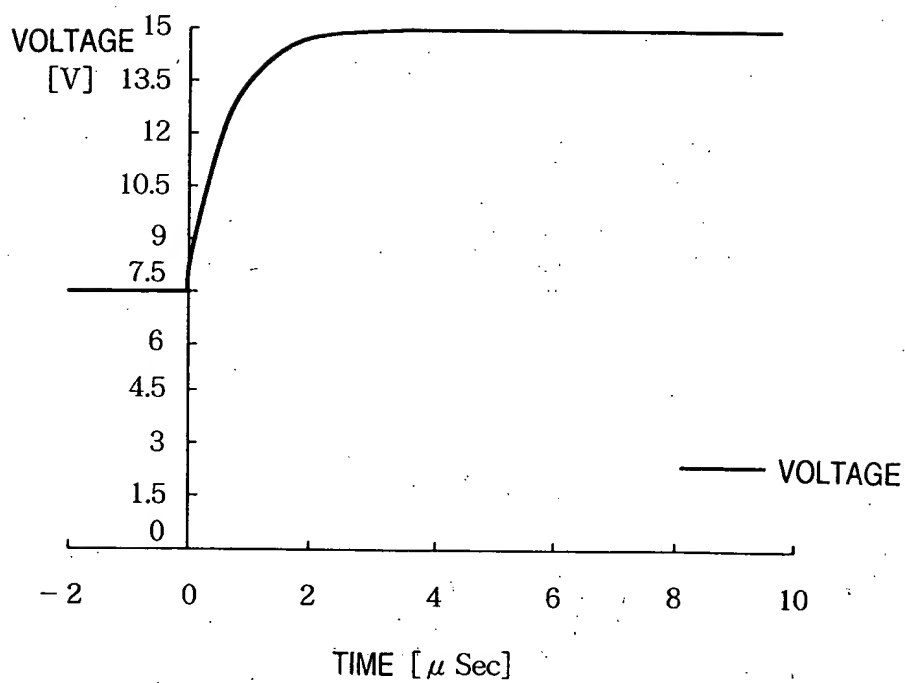


FIG. 6



7/40

FIG. 7



8/40

FIG. 8A

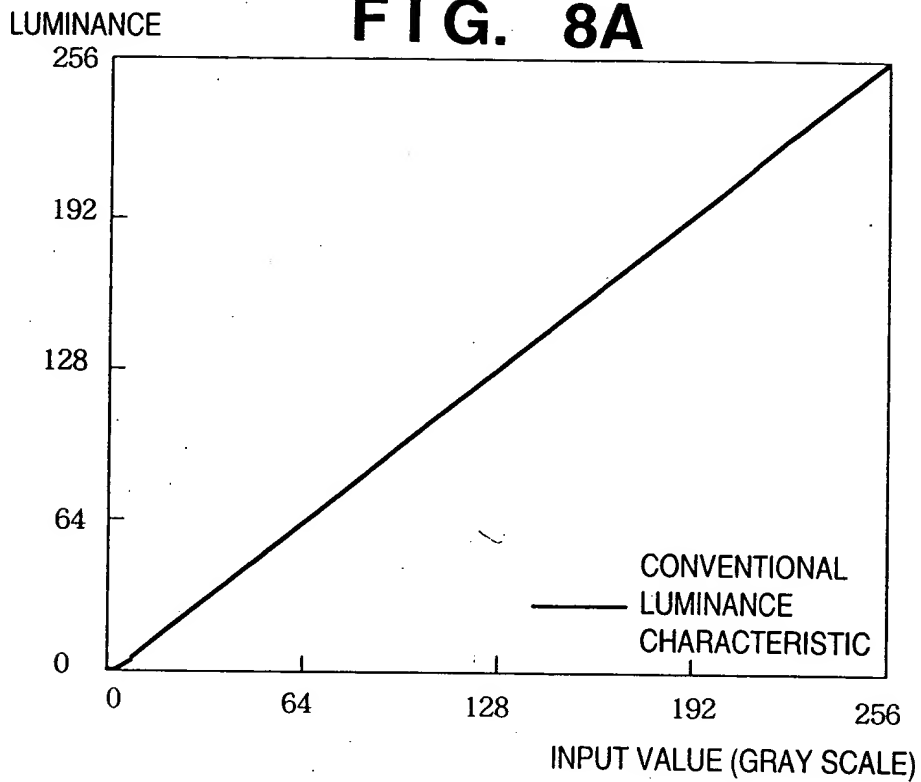
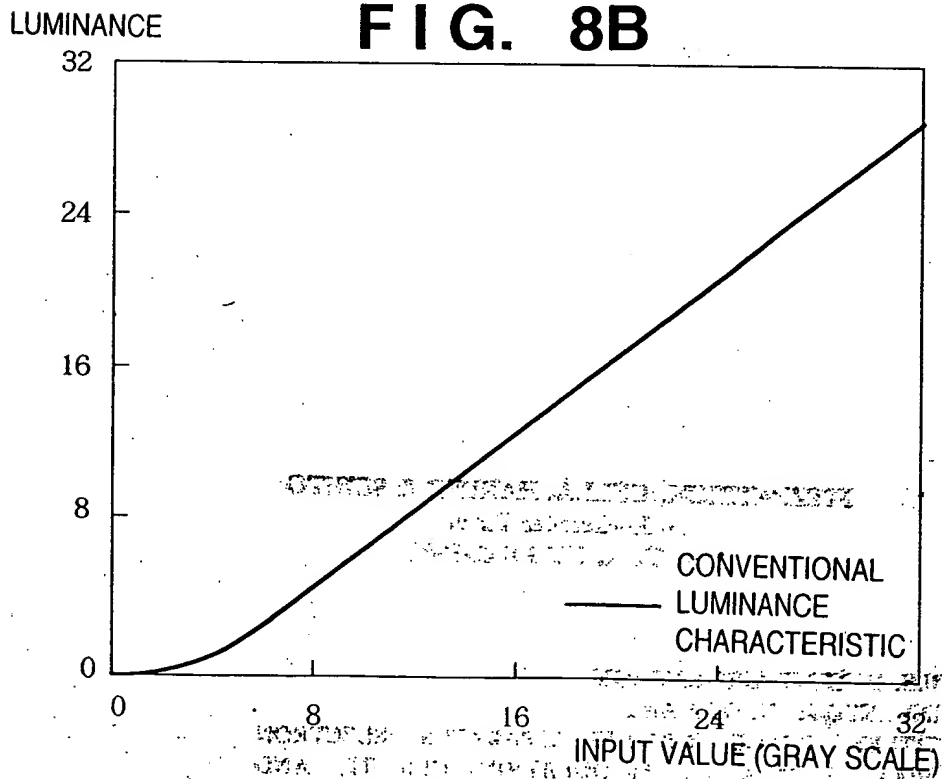


FIG. 8B



652120-08684250

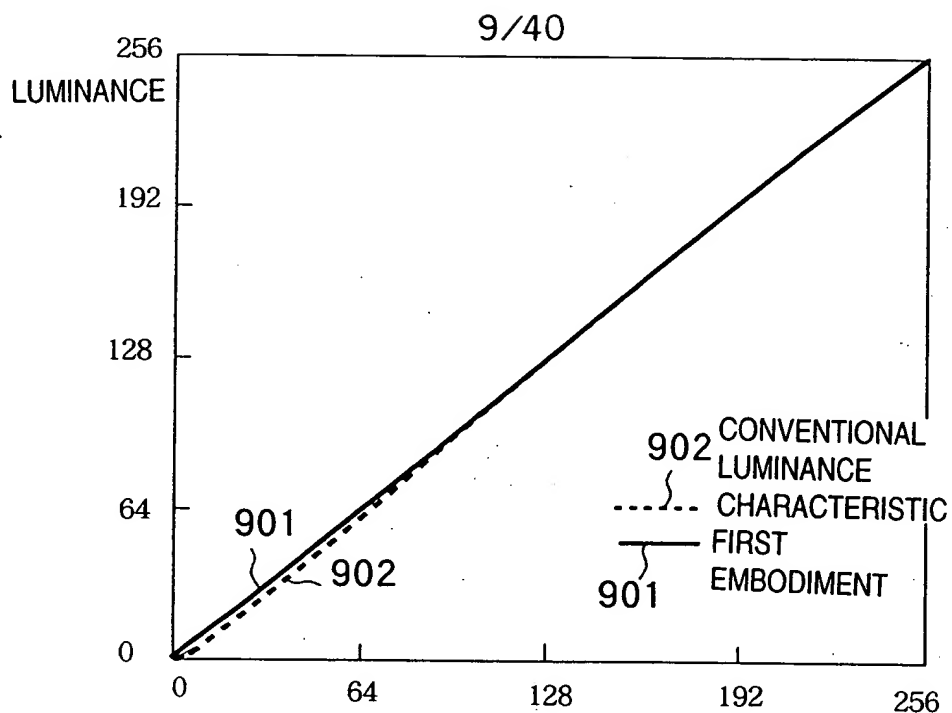


FIG. 9A INPUT VALUE (GRAY SCALE)

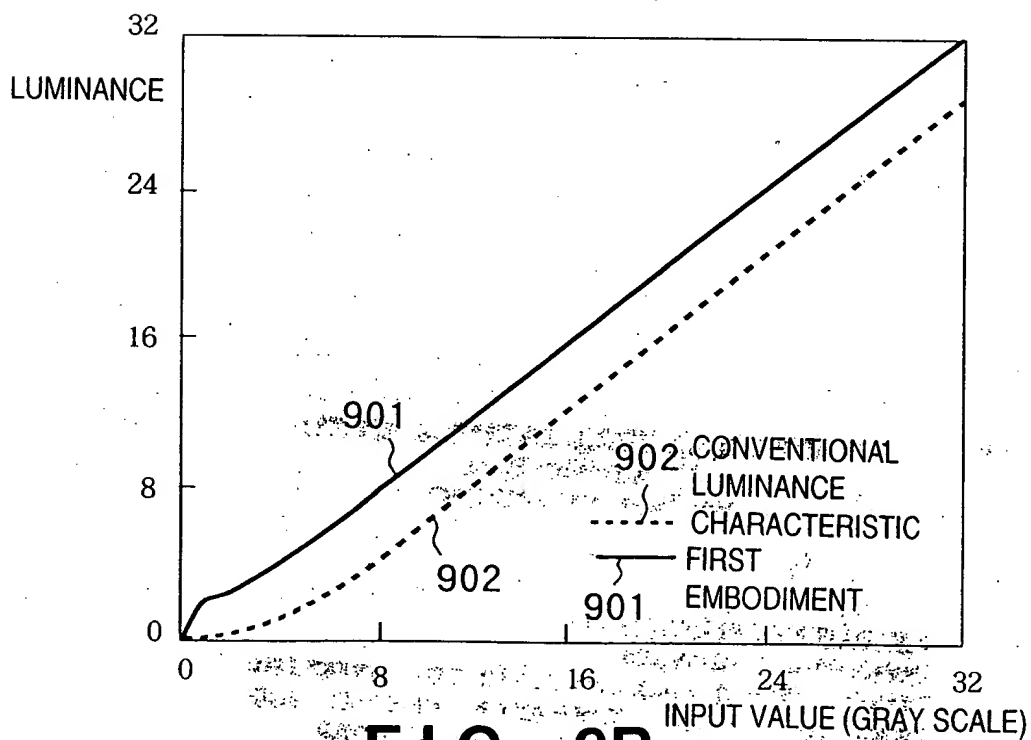


FIG. 9B

662720-08624250

FIG. 10

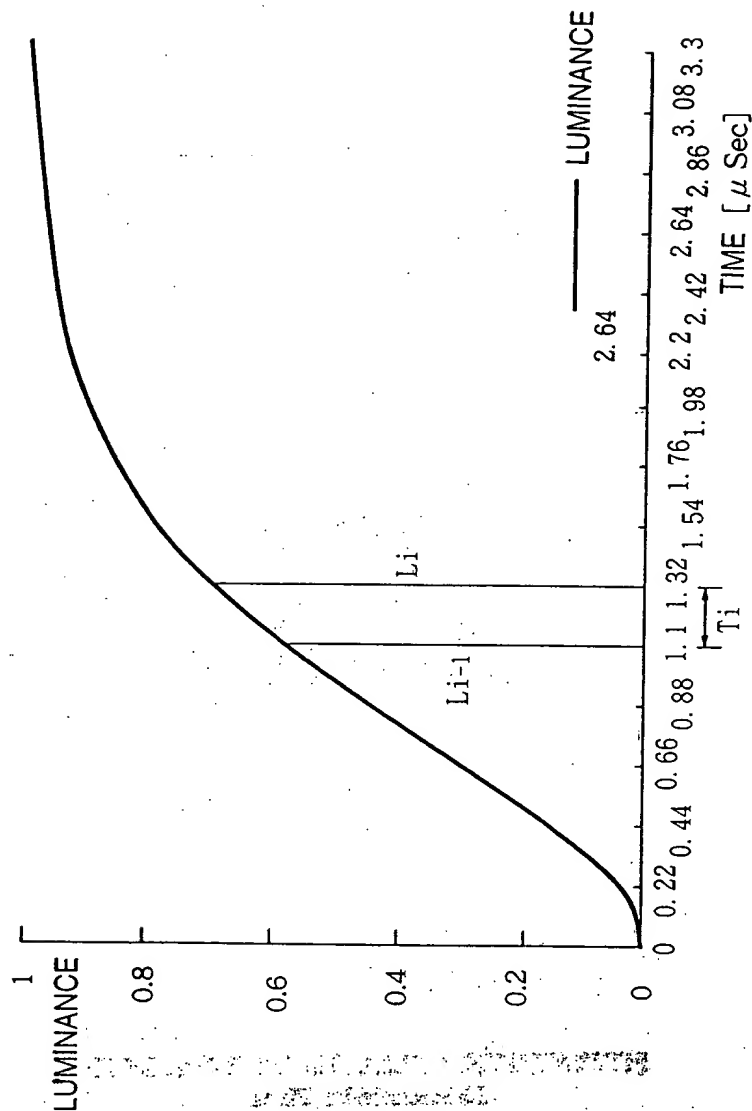
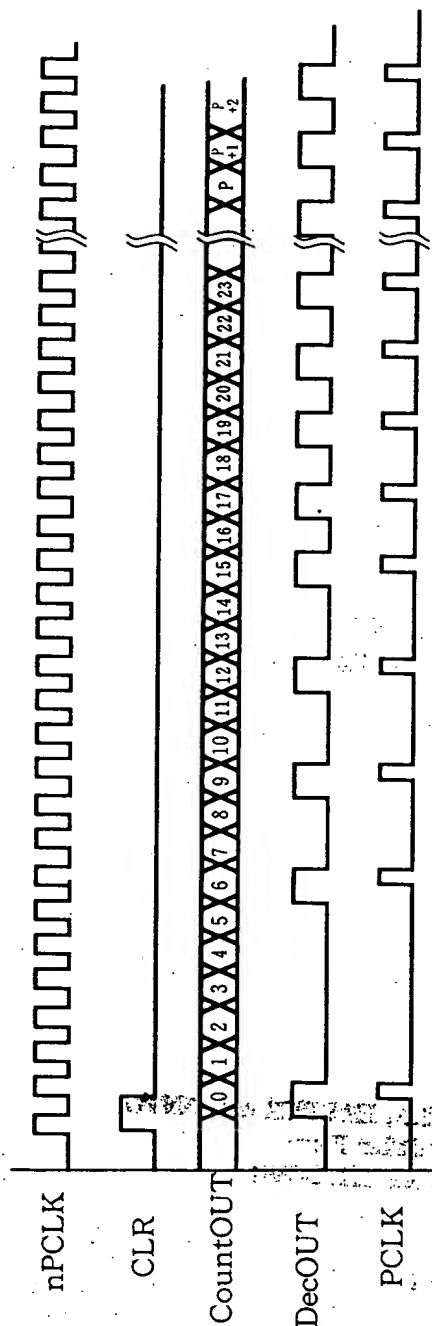


FIG. 12



13/40

OUTPUT
LUMINANCE

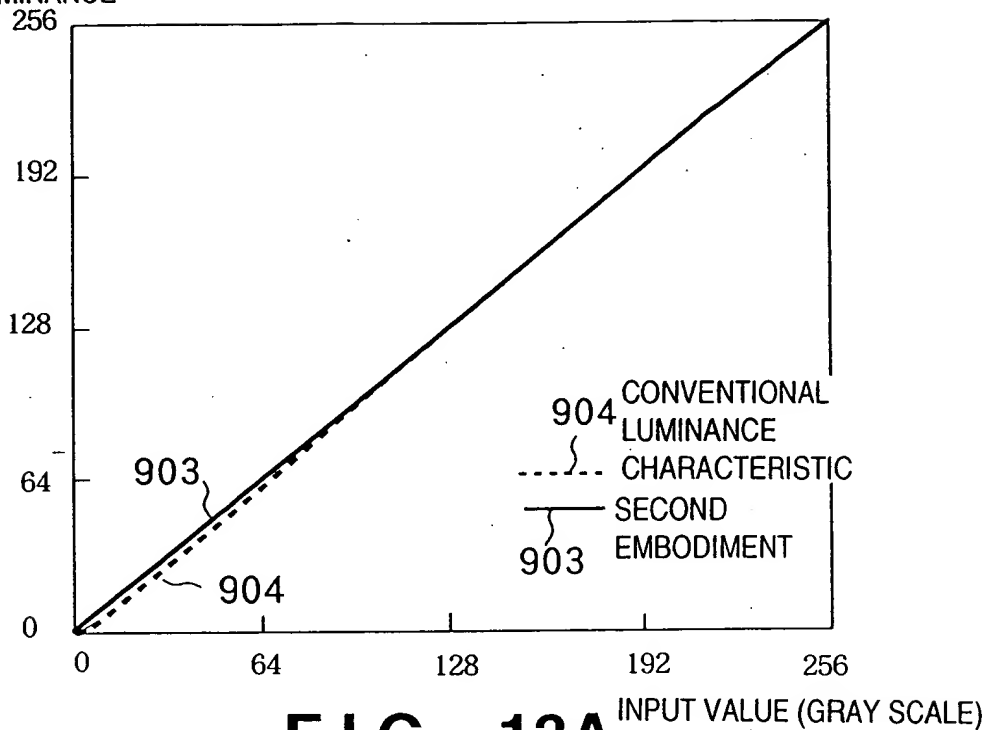


FIG. 13A

OUTPUT
LUMINANCE

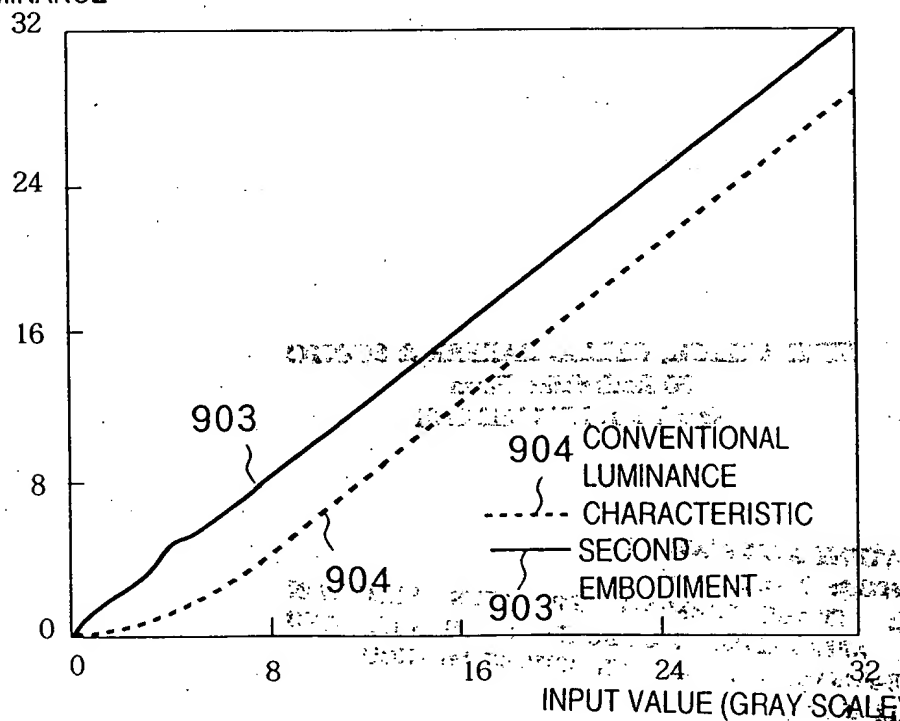


FIG. 13B

662720 08684260

FIG. 14

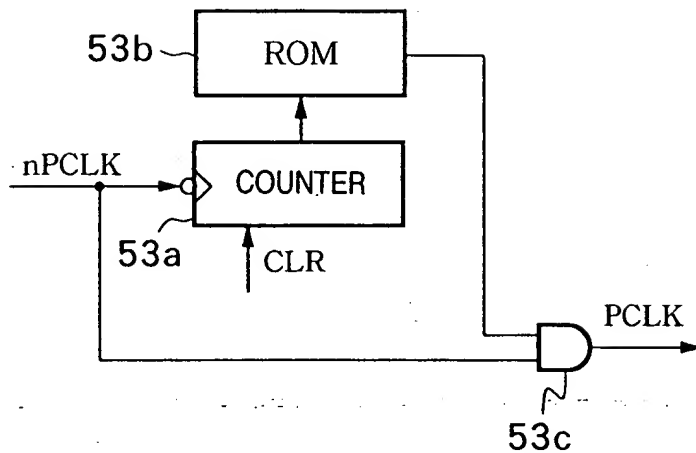


FIG. 15

ADDRESSES OF ROM IN WHICH "H" LEVEL DATA IS STORED
("L" LEVEL DATA ARE STORED AT OTHER ADDRESS)

0
6
9
12
15
17
17-519 (ODD NUMBER ADDRESSES)

662720-08684260

FIG. 16

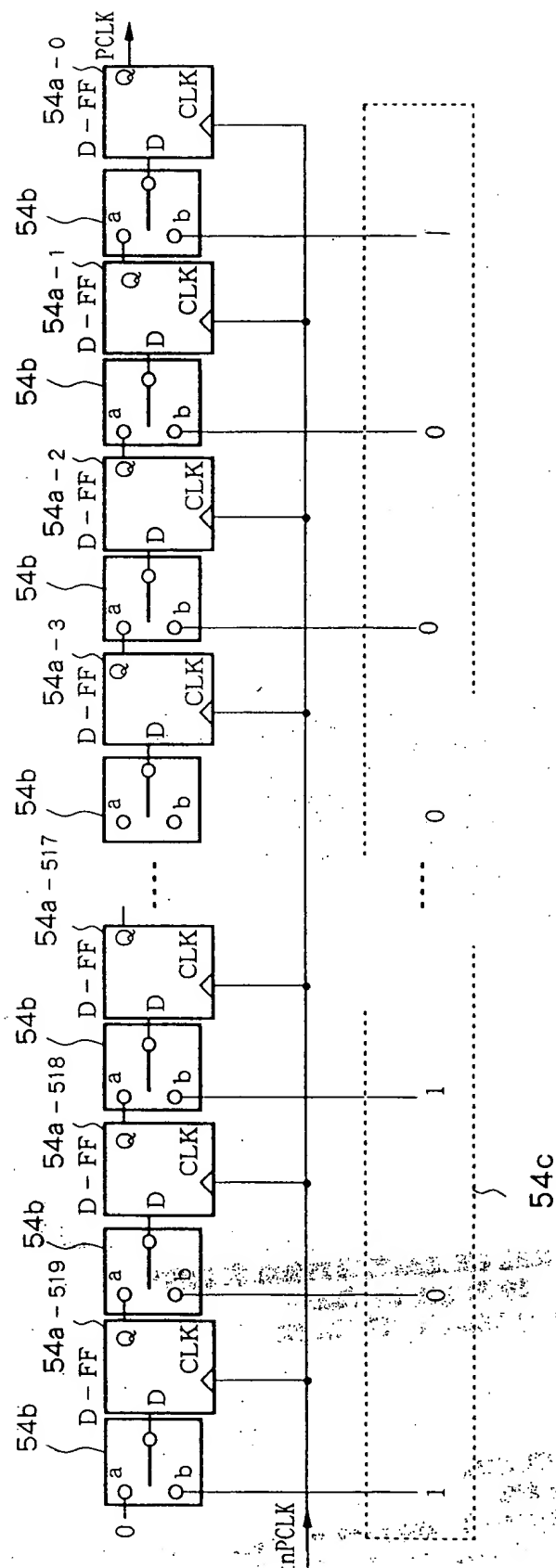
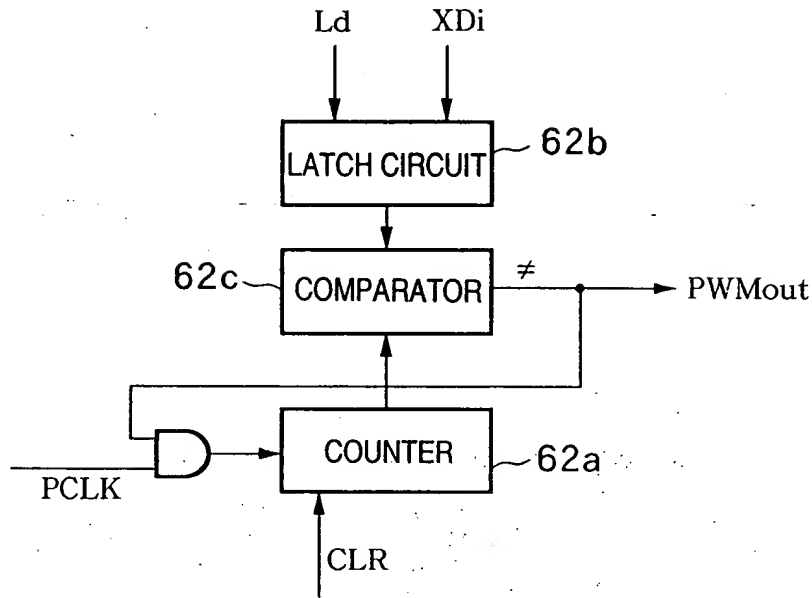


FIG. 17



662720-03584260

FIG. 18

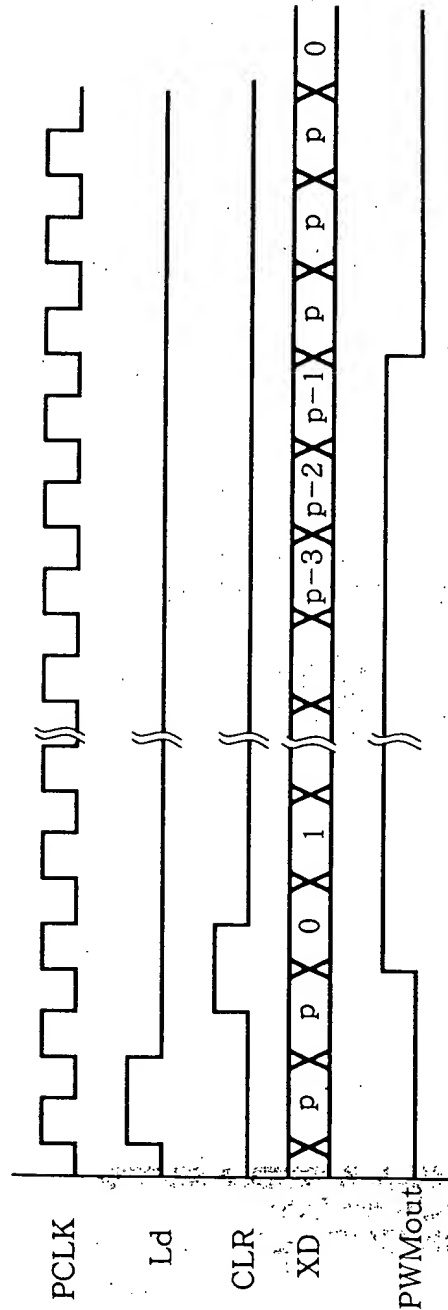


FIG. 19

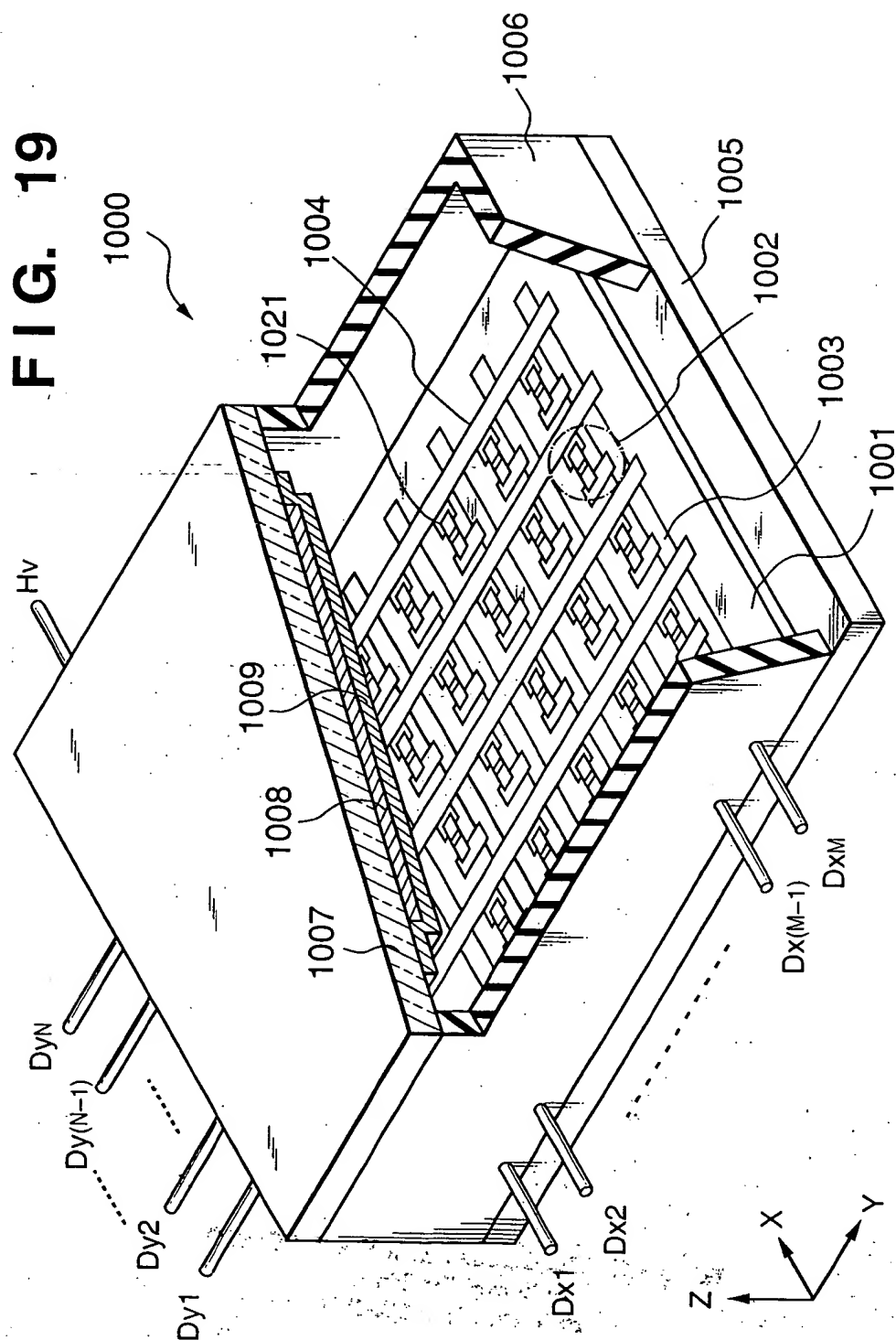


FIG. 20A

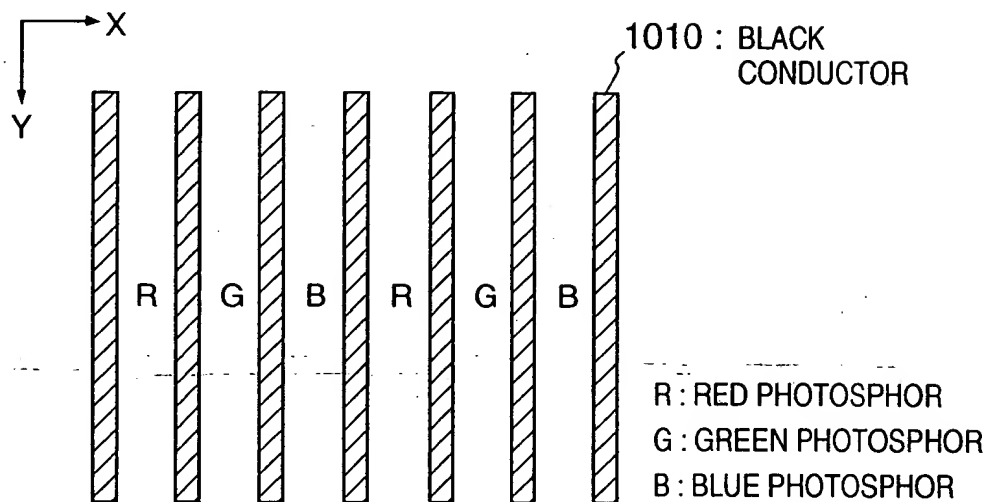


FIG. 20B

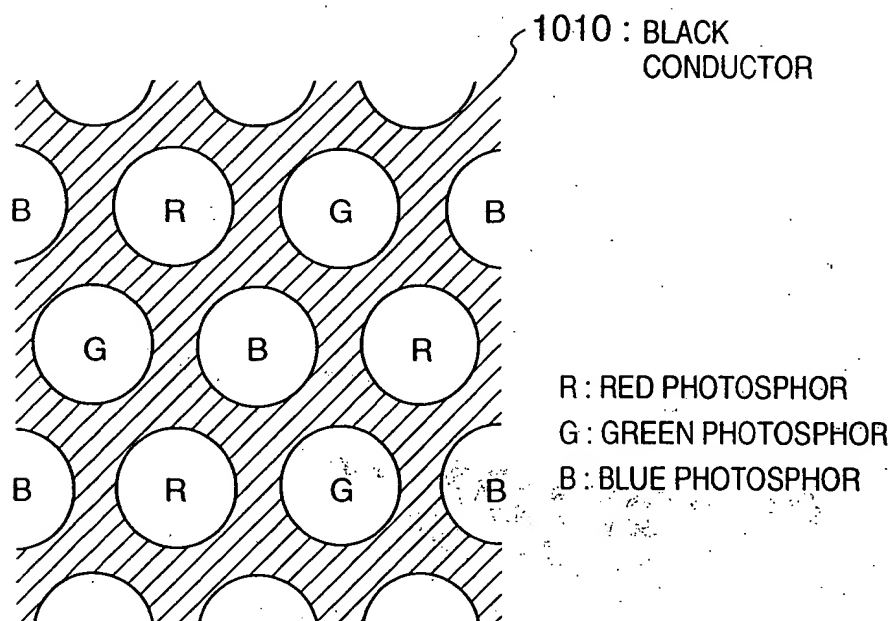


FIG. 21A

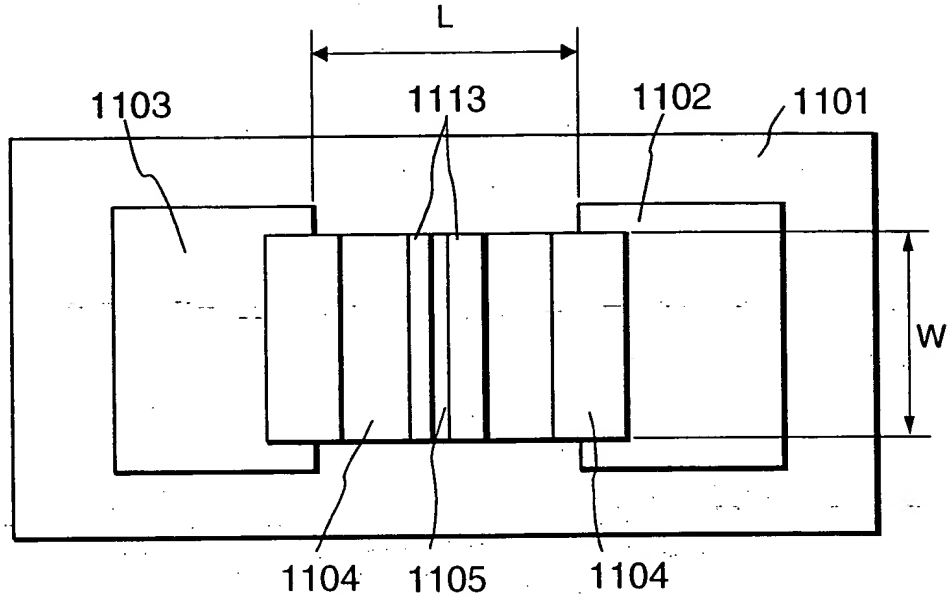
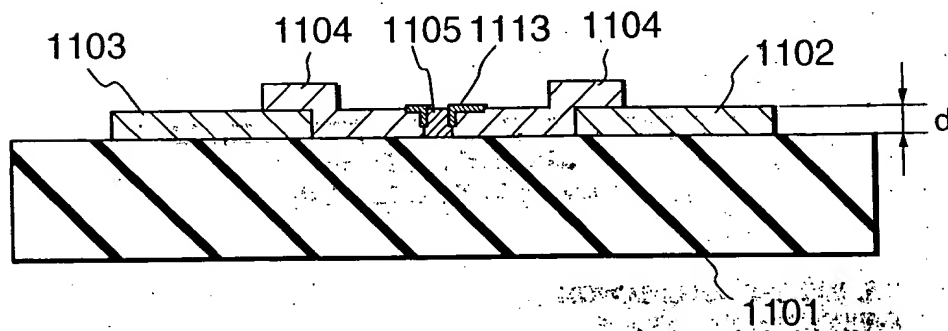


FIG. 21B



0943580-021299
662120-08584250

21/40

FIG. 22A

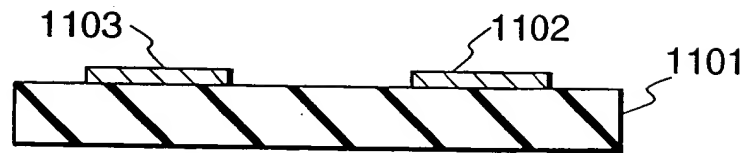


FIG. 22B

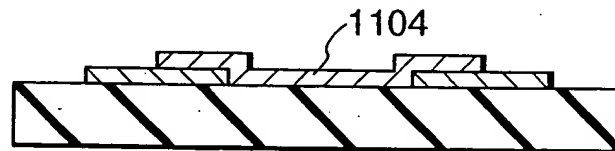


FIG. 22C

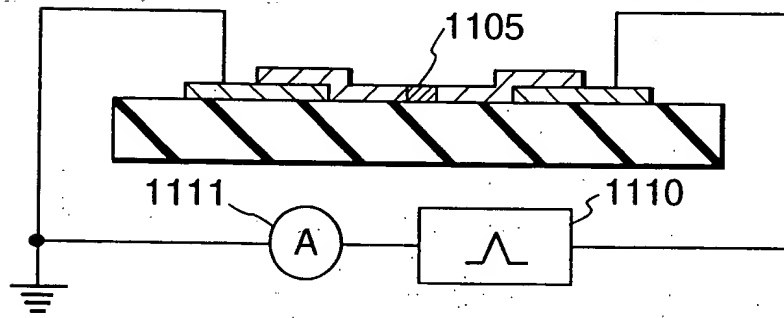


FIG. 22D

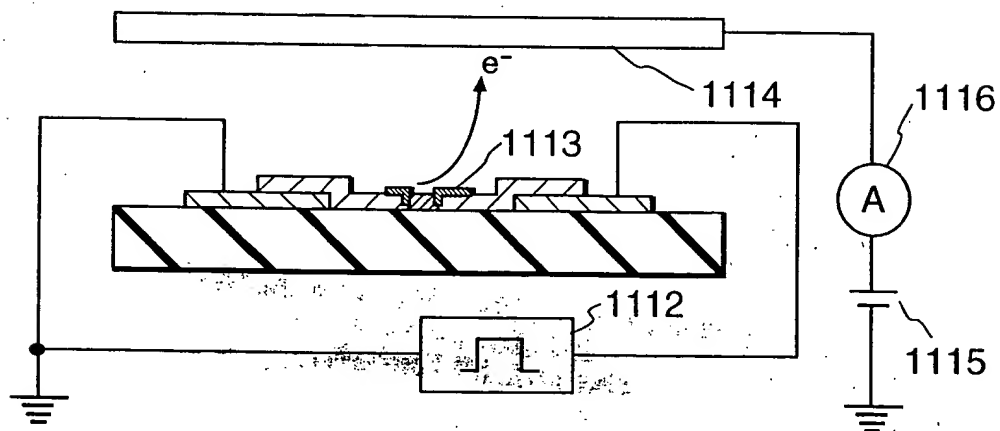


FIG. 22E

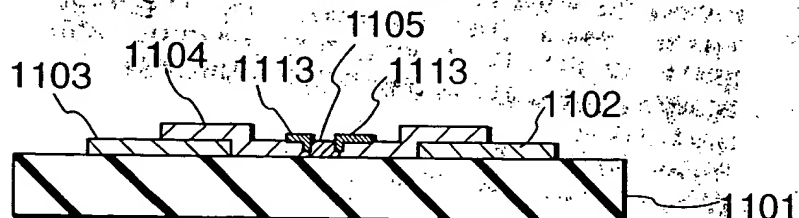


FIG. 23

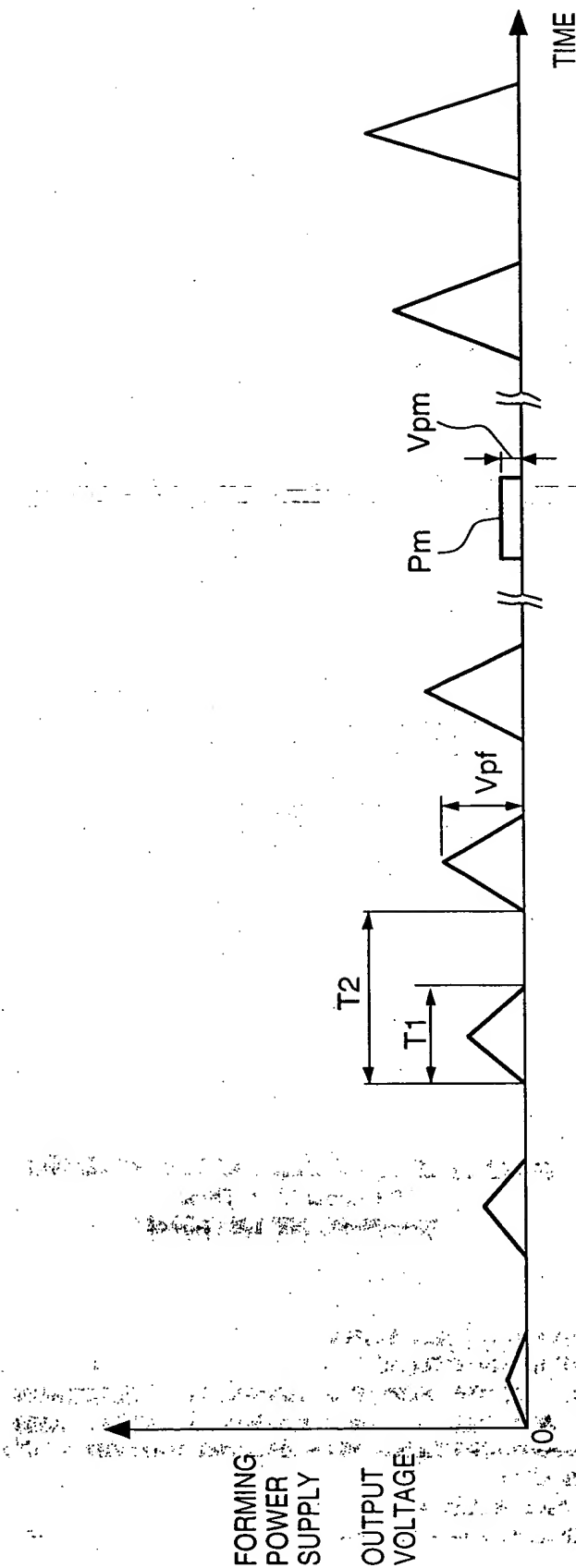


FIG. 24A

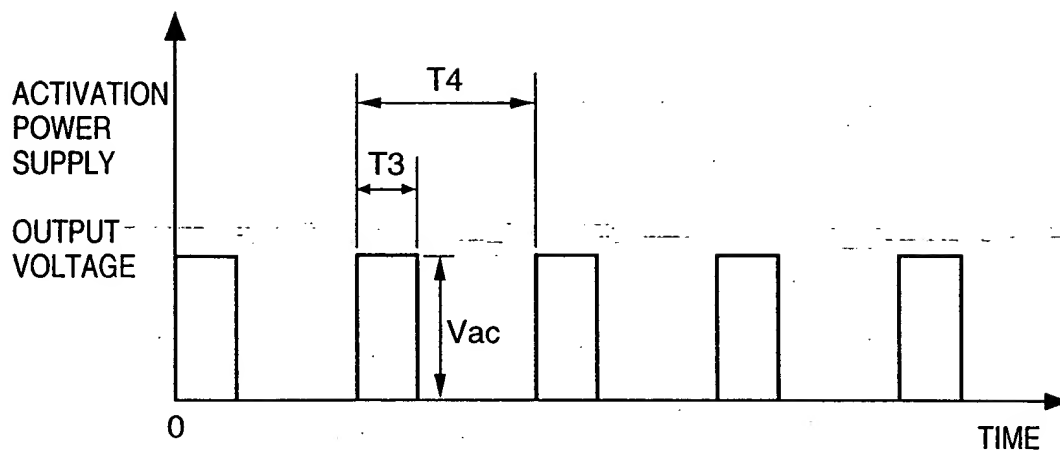
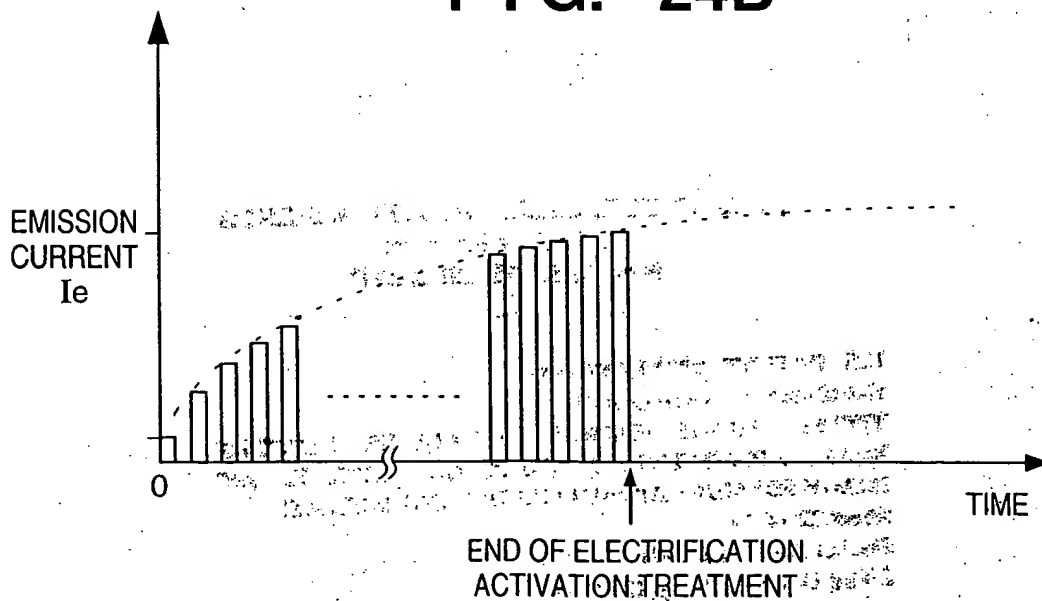


FIG. 24B



662F20" 086B4260

BY	CLASS	DATE
DRAFTSMAN		

24 / 40

FIG. 25

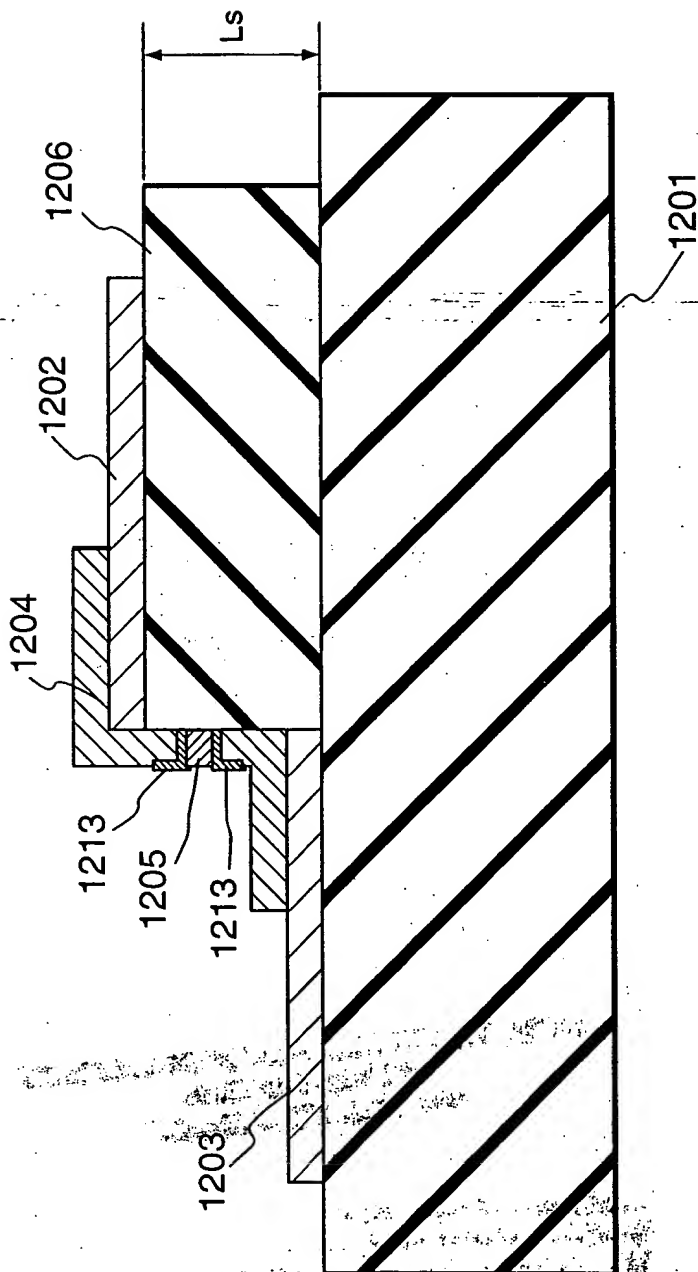


FIG. 26A

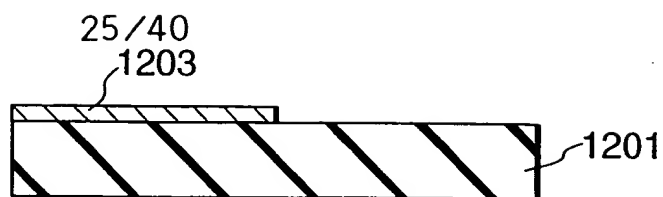


FIG. 26B

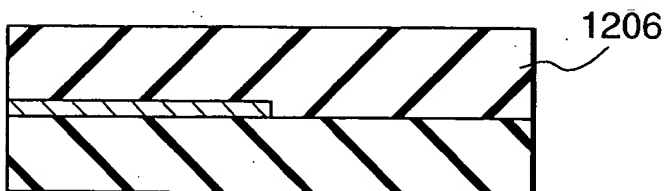


FIG. 26C

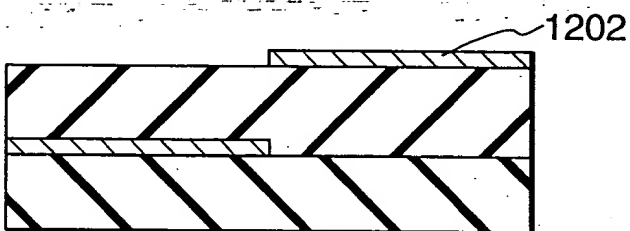


FIG. 26D

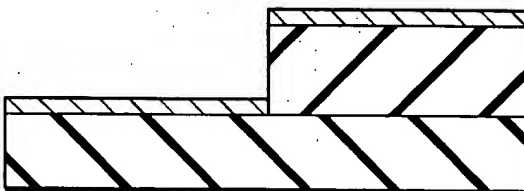


FIG. 26E

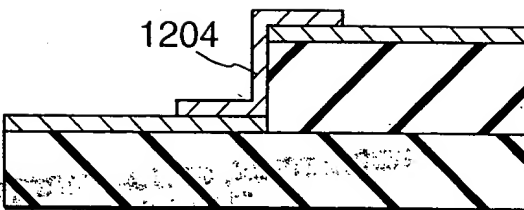


FIG. 26F

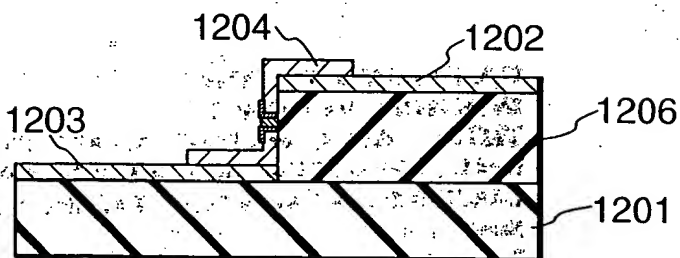
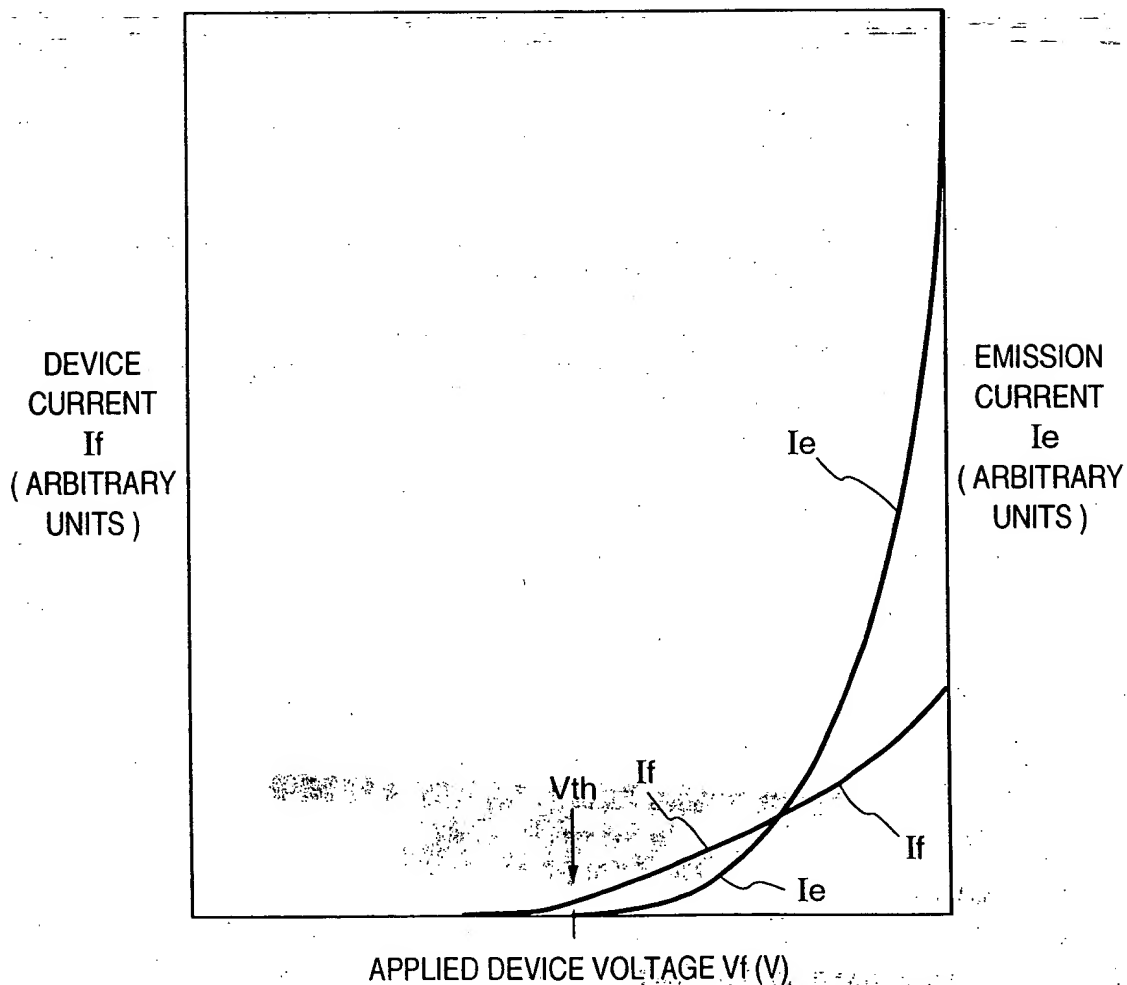


FIG. 27



004890010260

662F20-08694260

FIG. 28

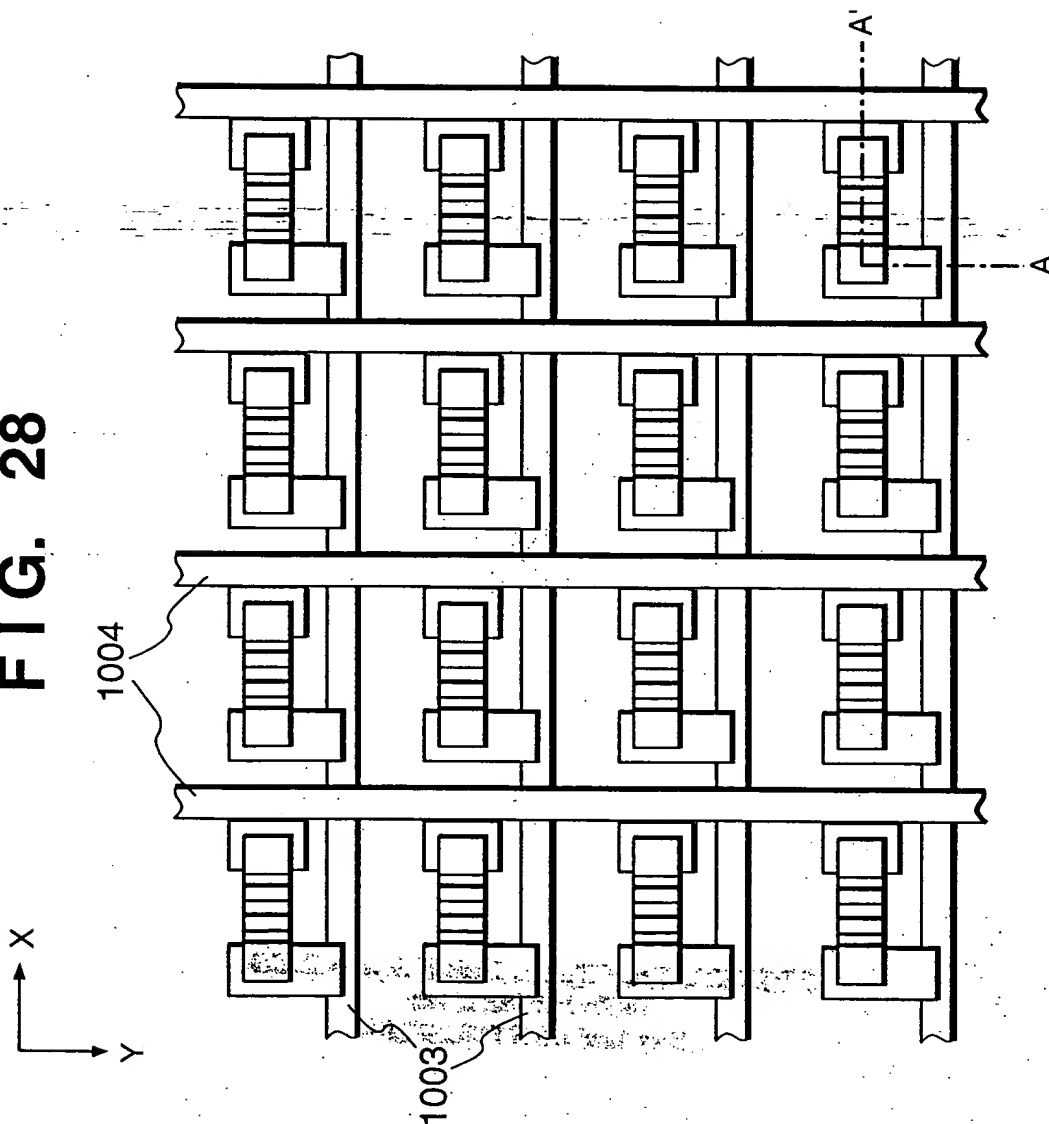


FIG. 29

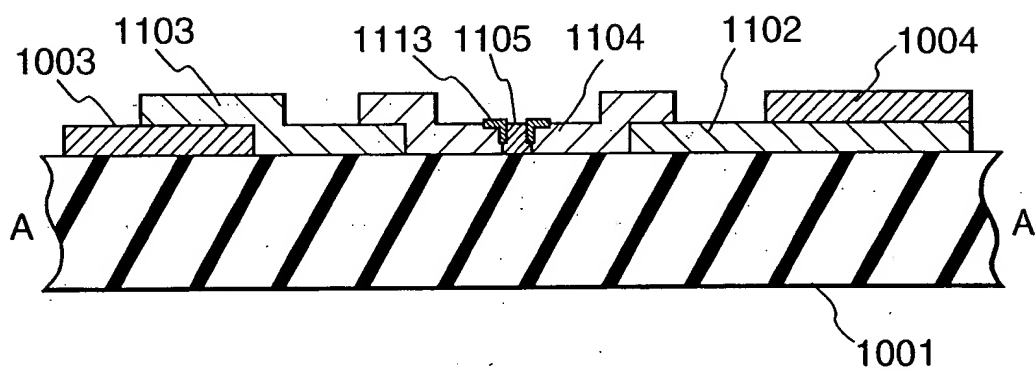


FIG. 30

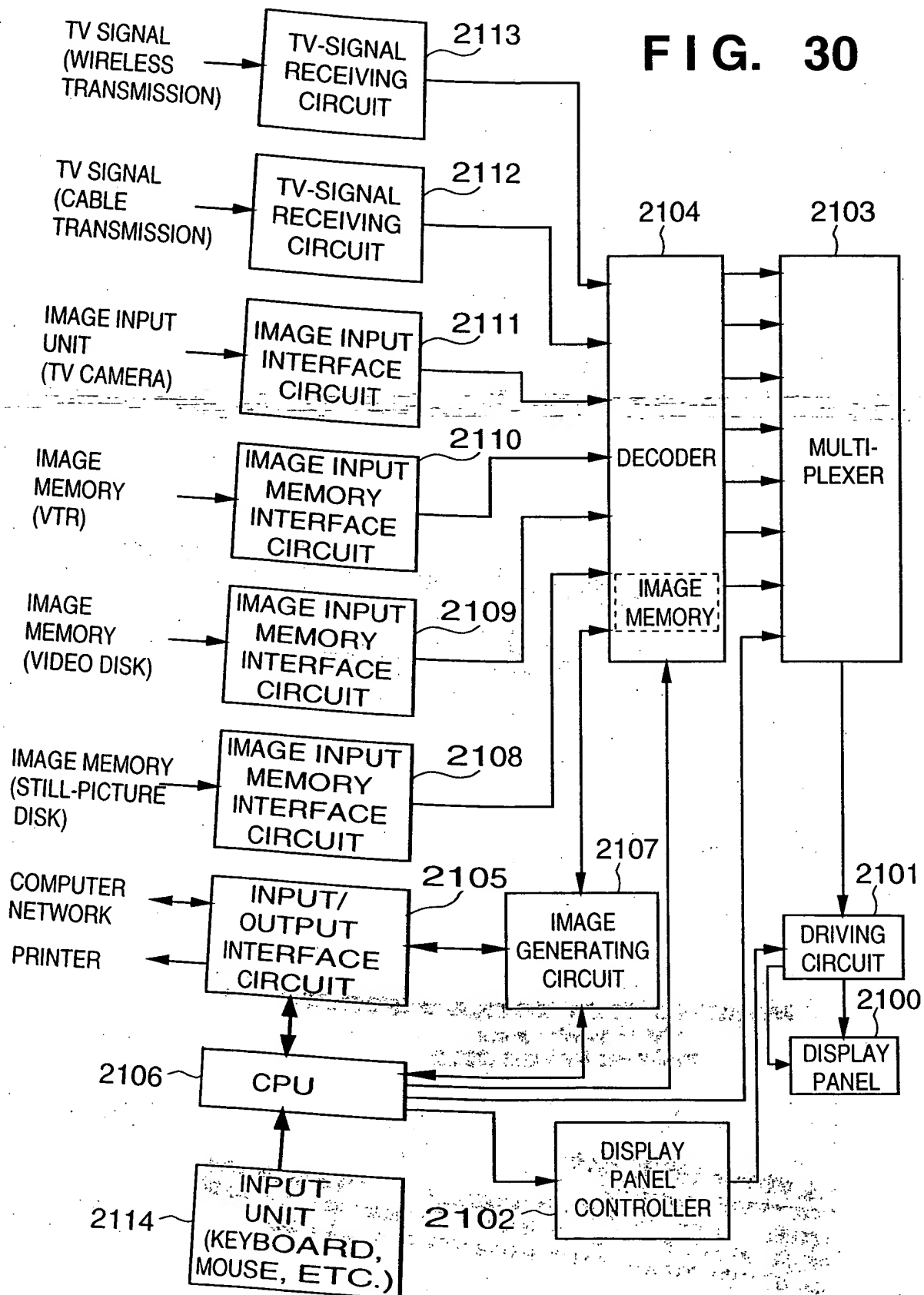
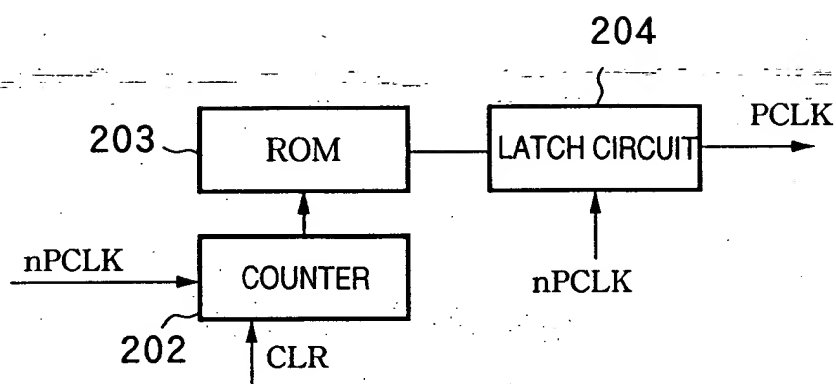


FIG. 31



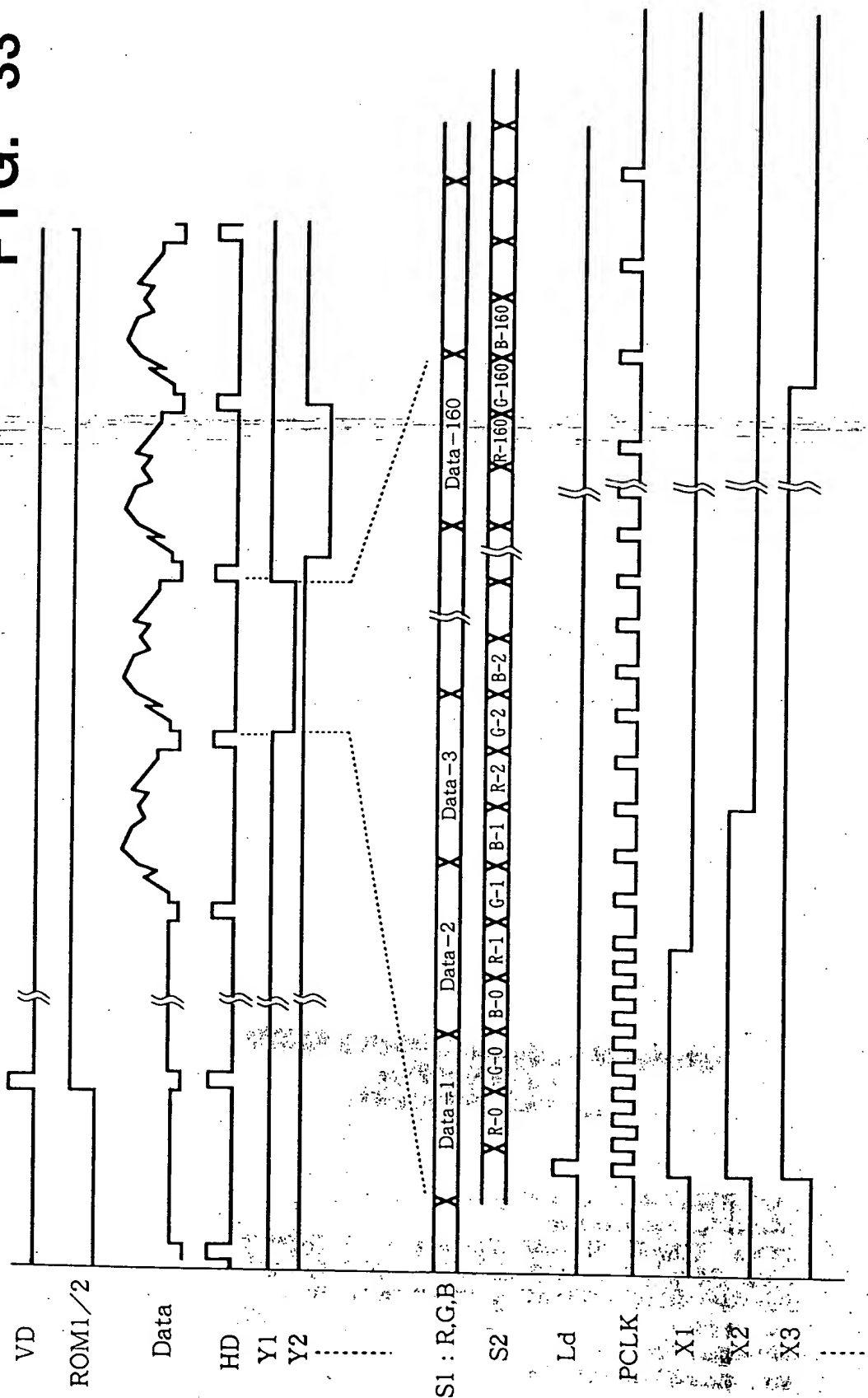
662120-08694260

FIG. 32

TABLE SHOWING ADDRESSES OF "1" DATA
("0" DATA ARE STORED AT OTHER ADDRESSES)

0	40	86	152	240	350	484	640	820	1026	1256	1516	1800
2	42	90	156	246	356	490	648	830	1038	1270	1530	1816
4	44	92	160	250	362	498	656	840	1048	1284	1544	1830
6	46	96	164	256	368	506	666	850	1060	1296	1558	1846
8	48	98	168	260	374	512	674	860	1070	1308	1572	1860
10	50	102	172	266	382	520	682	870	1082	1320	1584	1876
12	52	104	176	272	388	528	692	880	1094	1332	1598	1892
14	54	108	182	276	394	536	700	890	1104	1346	1612	1906
16	56	110	186	282	400	542	710	900	1116	1358	1626	1922
18	58	114	190	288	408	550	718	910	1128	1372	1642	1938
20	62	118	194	292	414	558	728	920	1140	1384	1656	1954
22	64	120	198	298	420	566	736	930	1150	1396	1670	1968
24	66	124	202	304	428	574	746	942	1162	1410	1684	1984
26	68	128	208	310	434	582	754	952	1174	1424	1698	2000
28	70	130	212	316	440	590	764	962	1186	1436	1712	2016
30	74	134	216	320	448	598	774	972	1198	1450	1728	2032
32	76	138	222	326	454	606	782	984	1210	1462	1742	2048
34	78	142	226	332	462	614	792	994	1222	1476	1756	
36	82	146	230	338	468	622	802	1004	1234	1490	1772	
38	84	150	236	344	476	632	810	1016	1246	1502	1786	

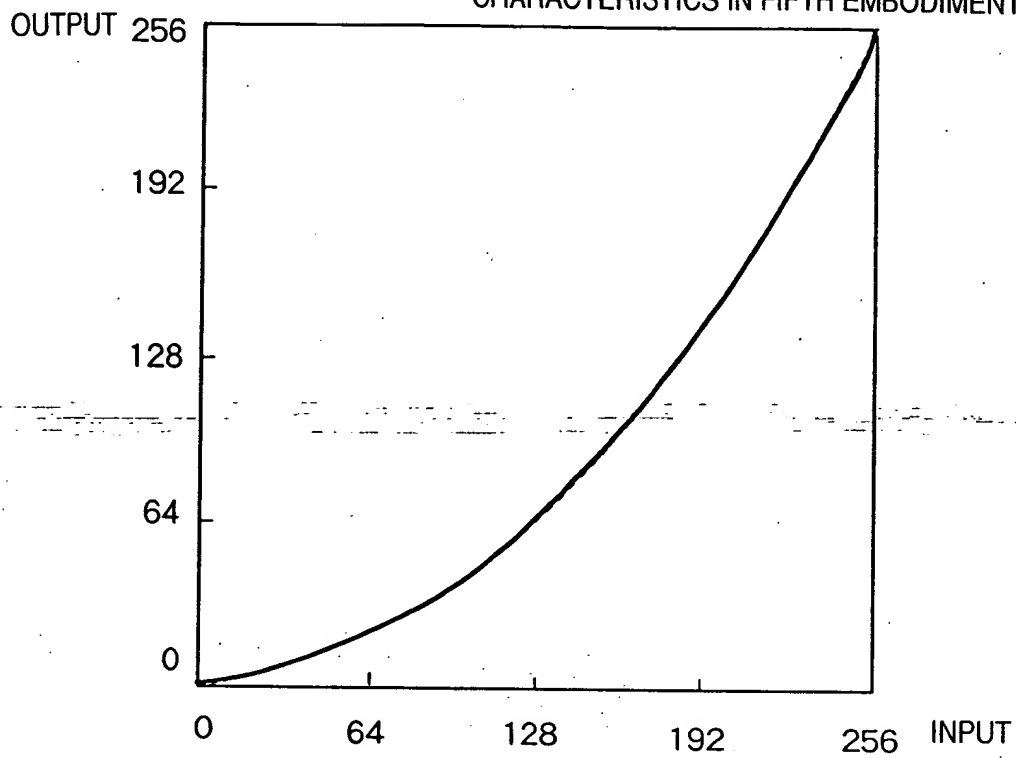
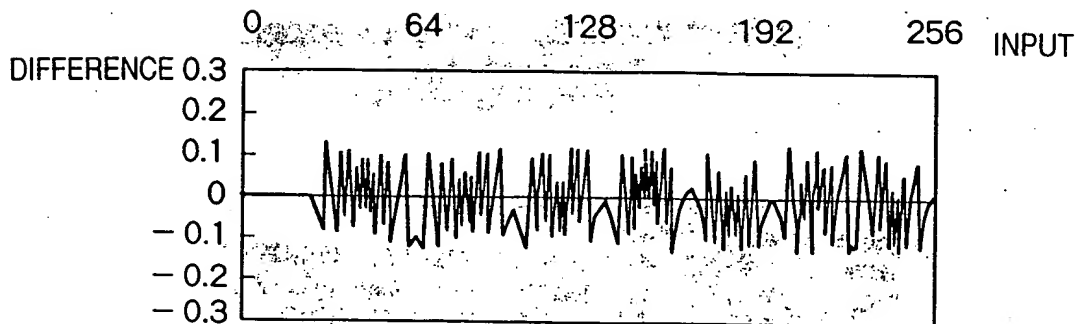
FIG. 33



33/40

----- BAT, SMPTE 1125/60 STUDIO STANDARDS

—— CHARACTERISTICS IN FIFTH EMBODIMENT

**FIG. 34****FIG. 35**

—— DIFFERENCE

FIG. 36

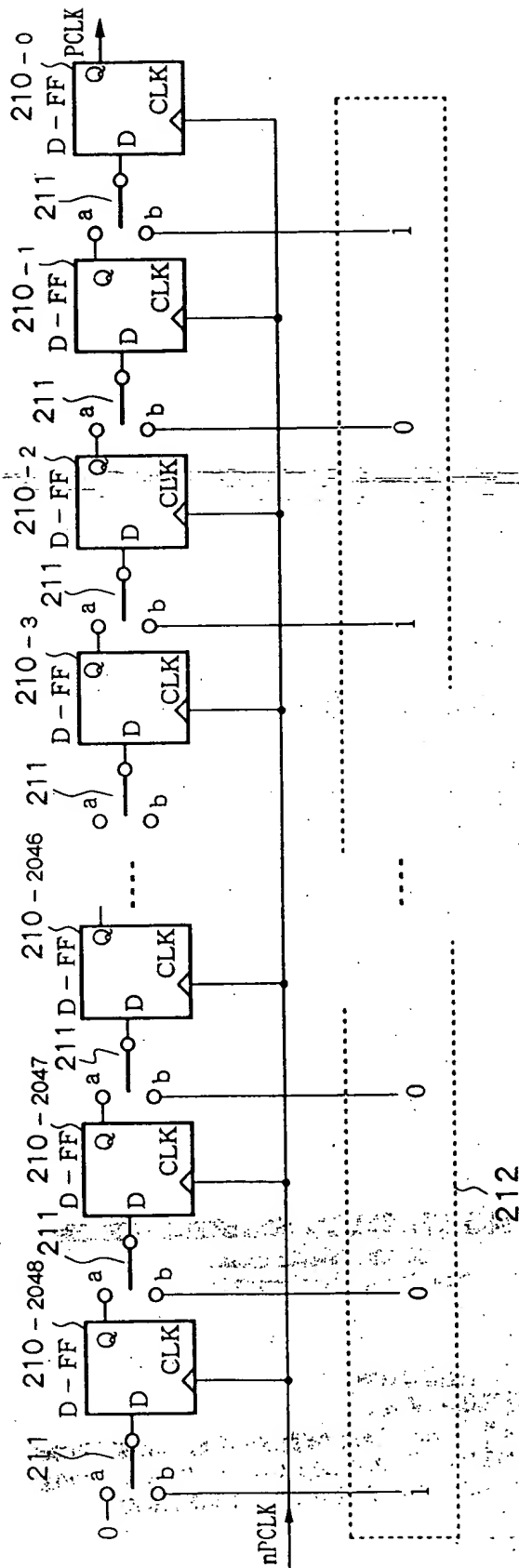


FIG. 37

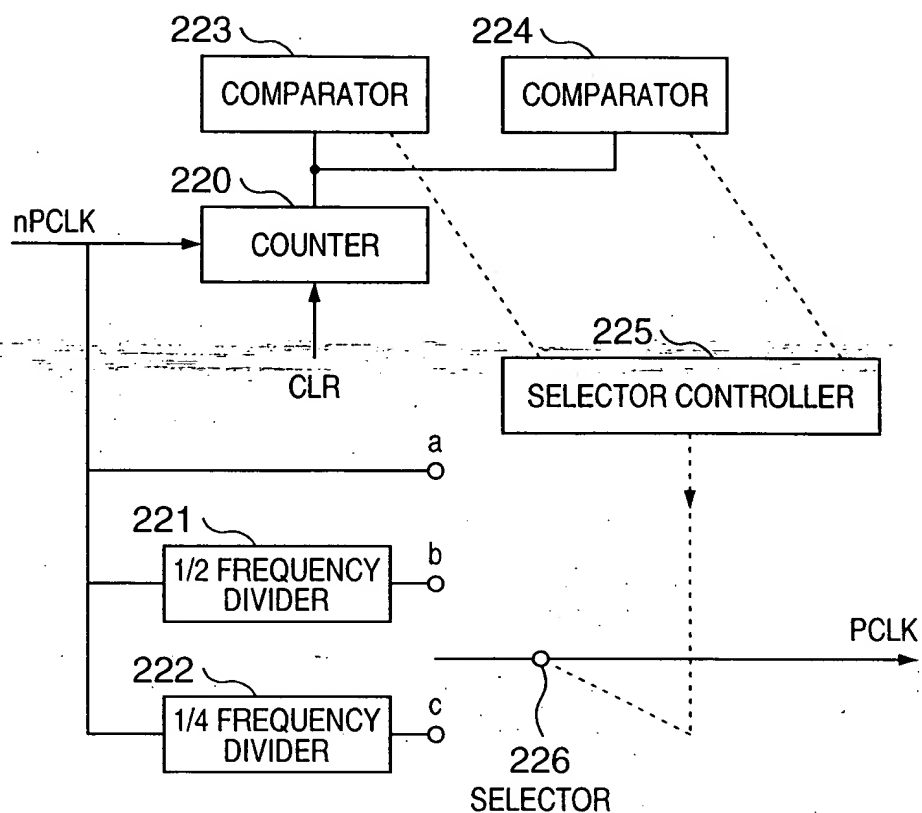
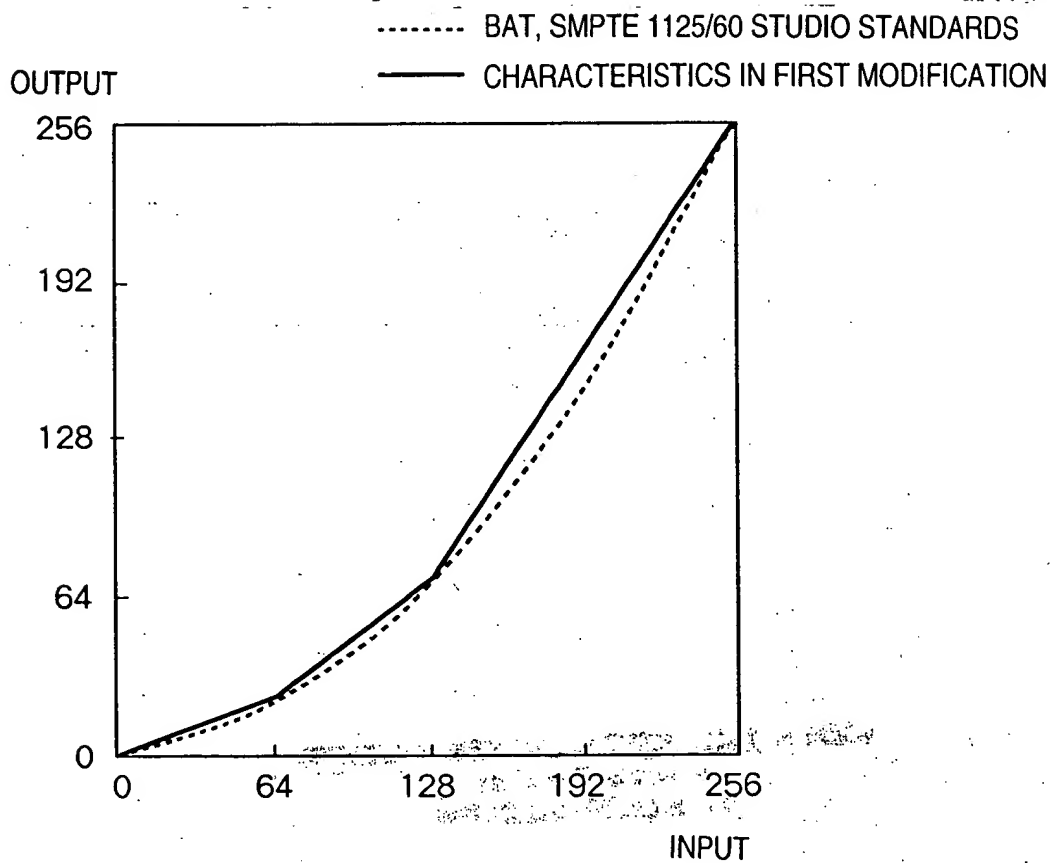


FIG. 38

COUNTER VALUE	FREQUENCY DIVISION RATIO
0 ~ 63	1/1
64 ~ 191	1/2
192 ~ 703	1/4

FIG. 39



662720-03694250

FIG. 40

COUNTER VALUE	FREQUENCY DIVISION RATIO
0 ~ 47	1 / 1
48 ~ 111	1 / 2
112 ~ 207	1 / 3
208 ~ 367	1 / 4
368 ~ 527	1 / 5
528 ~ 751	1 / 6
752 ~ 1029	1 / 8

09243930-021299
652720-0868460

38/40

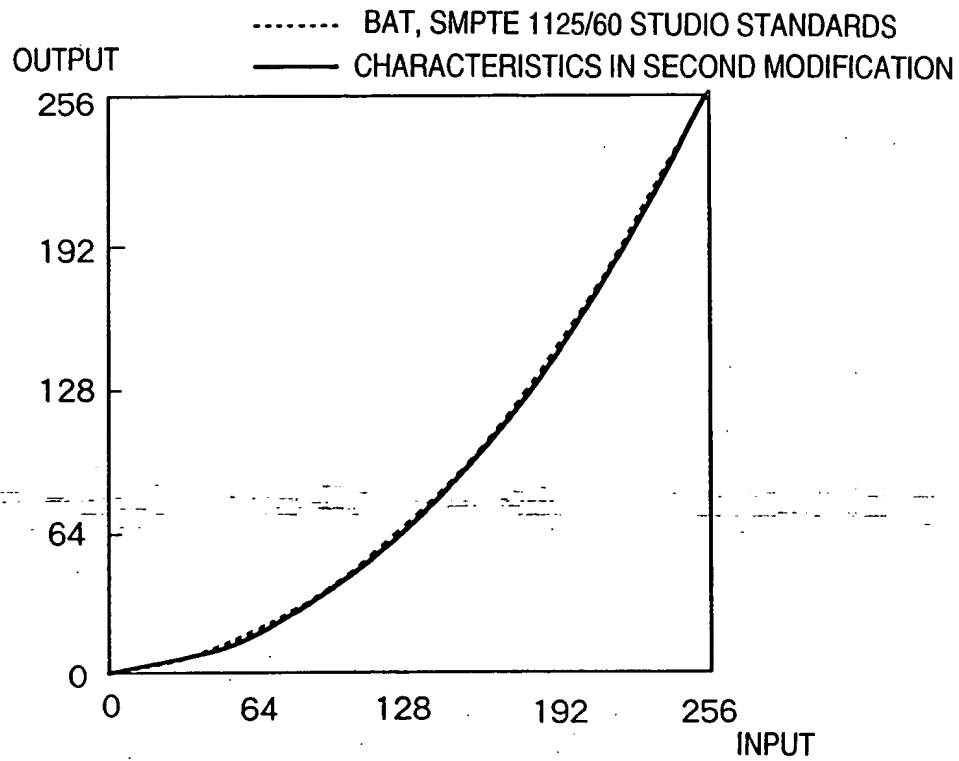
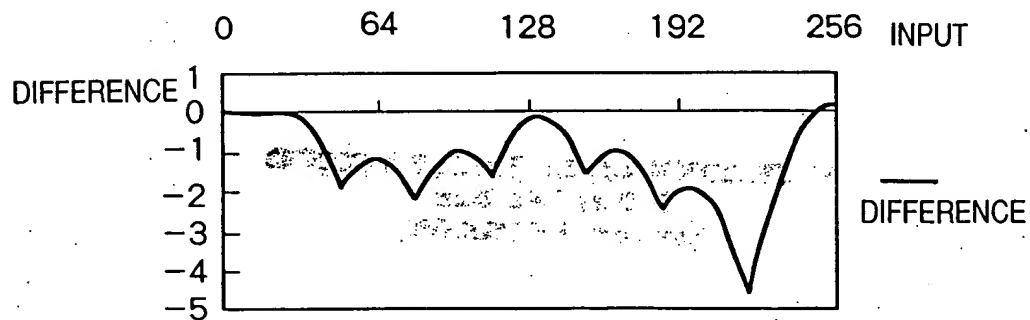
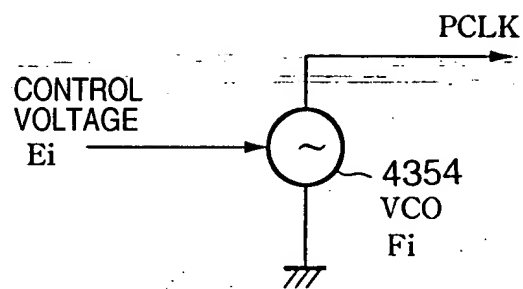


FIG. 41



DIFFERENCE BETWEEN LUMINANCE AND
 INPUT DATA IN SECOND MODIFICATION

FIG. 42

FIG. 43

09248980-021299

FIG. 44

TABLE SHOWING ADDRESSES OF "1" DATA
("0" DATA ARE STORED AT OTHER ADDRESSES)

0	76	124	190	276	384	514	666	844	1046	1274	1528	1806
20	78	126	194	280	390	520	676	854	1058	1286	1540	1822
26	80	130	198	286	396	528	684	864	1068	1298	1554	1836
32	84	132	202	290	402	534	692	874	1080	1310	1568	1850
36	86	136	204	296	408	542	700	884	1090	1322	1580	1866
40	88	138	208	300	414	550	710	892	1102	1336	1594	1880
42	90	142	214	306	420	556	718	902	1112	1348	1608	1896
46	92	144	218	310	426	564	726	912	1124	1360	1622	1910
48	94	148	222	316	432	572	736	922	1134	1372	1636	1926
50	96	152	226	322	438	580	744	932	1146	1384	1650	1940
54	98	154	230	326	446	588	752	942	1158	1398	1664	1956
56	100	158	234	332	452	594	762	952	1168	1410	1678	1972
58	104	160	238	338	458	602	770	962	1180	1422	1692	1986
60	106	164	242	342	466	610	780	974	1192	1436	1706	2002
64	108	168	248	348	472	618	788	984	1204	1448	1720	2018
66	110	172	252	354	478	626	798	994	1214	1462	1734	2034
68	114	174	256	360	486	634	808	1004	1226	1474	1748	2048
70	116	178	262	366	492	642	816	1014	1238	1488	1762	
72	118	182	266	372	500	650	826	1026	1250	1500	1778	
74	122	186	270	378	506	658	836	1036	1262	1514	1792	